SECTION 4. UNIT LEVEL LOGISTICS SYSTEM (ULLS) AND STANDARD ARMY MAINTENANCE SYSTEM-LEVEL 1 (SAMS-1)

4.1 ULLS Overview. ULLS provides supervisory control and flexibility to maintenance operations. It performs maintenance record-keeping functions and repair parts supply at the user level. When you order an item, ULLS edits the request for issue, updates the Document Control Register (DCR), records the demand, and provides information to update equipment data records.

NOTE: Objective Supply Capability (OSC) has undergone a name change and is now called the Standard Army Retail Supply System-Gateway (SARSS-GW). All references to OSC and gateway have been changed or refer to SARSS-GW.

4.1.1 ULLS and SARSS-GW Interface Parameters. You must follow a series of security, software, and hardware parameter settings to establish the ULLS and SARSS-GW interface. An OSC indicator, controlled by menu selection, establishes the interface. To set the OSC interface switch, start at the ULLS Main Menu (figure 4.1-1).

```
ULLS MAIN MENU            F

     REQUEST PROCESS ..................................... A
     RECEIPT/STATUS/DCR MGT .............................. B
     PLL MANAGEMENT ...................................... C
     CATALOG MANAGEMENT .................................. D

     SYSTEM UTILITIES .................................... F
     SYSTEM SECURITY ..................................... G
     REBUILD DATABASE .................................... H

     OPERATIONAL PROCESSES ............................... I
     EQUIPMENT DATA UPDATE ............................... J
     EQUIPMENT DATA REPORTS .............................. K
     OPER RECS/EQUIP CLASS CODES ......................... L
     MAINTENANCE SUPPORT.................................. M

     MATERIEL STATUS PROCESSES........................... N

     TUTORIAL ............................................ O

     LOGOFF/EXIT SYSTEM .................................. E
```

Figure 4.1-1. ULLS Main Menu

a. On the ULLS Main Menu, select option F, System Utilities, and press <Enter>. The System Utilities Menu (figure 4.1-2) appears.

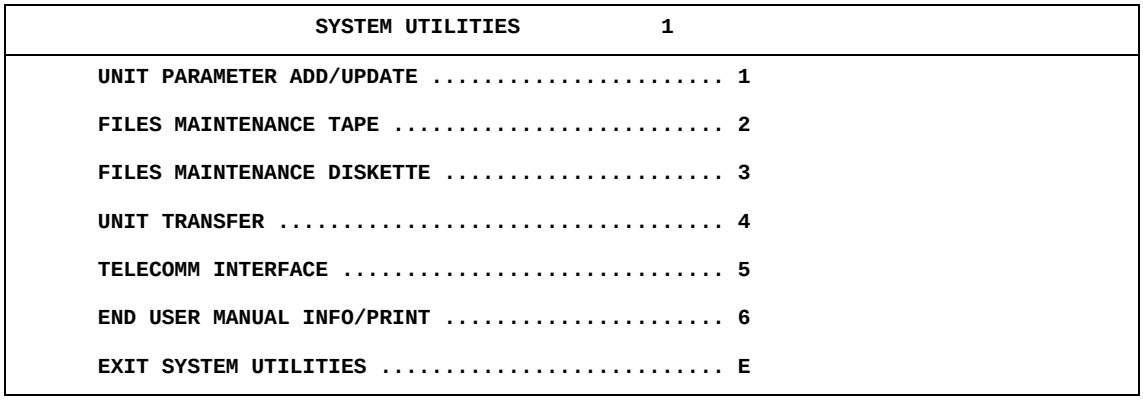

Figure 4.1-2. System Utilities Menu

b. On the System Utilities Menu, select option 1, Unit Parameter Add/Update, and press <Enter>. The Unit Parameter Selections Menu (figure 4.1-3) appears.

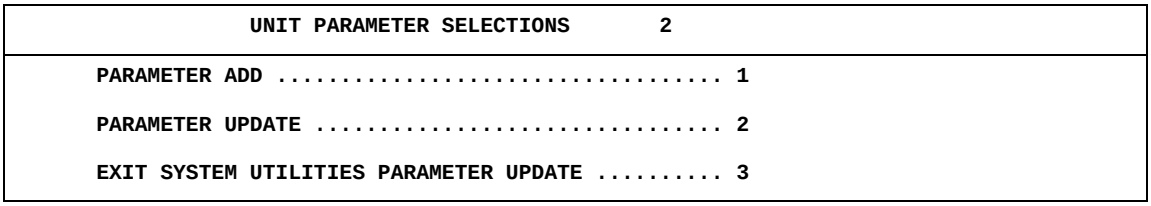

Figure 4.1-3. Unit Parameter Selections Menu

c. On the Unit Parameter Selections Menu, select option 2, Parameter Update, and press <Enter>. The Department of Defense Activity Address Code (DODAAC) portion of the Parameter Maintenance Menu (figure 4.1-4) appears.

```
DATE: yyymmdd                    UNIT LEVEL LOGISTICS SYSTEM                AWCUF110
                                    PARAMETER MAINTENANCE

UNIT DODAAC:  WXULLS




      ENTER THE COMMANDER'S PASSWORD: [ **** ]




<E> TO EXIT: <F1> FOR HELP <TAB> FOR NEXT FIELD <ENTER> TO PROCESS
```

Figure 4.1-4. Parameter Maintenance Menu (DODAAC)

d. In the Unit DODAAC field, enter your unit DODAAC and press <Tab>. The cursor moves to the next field.

e. Enter your commander's password and press <Enter>. The modification selection portion of the Parameter Maintenance Menu (figure 4.1-5) appears.

```
DATE: yyymmdd                    UNIT LEVEL LOGISTICS SYSTEM              AWCUF111
                                   PARAMETER MAINTENANCE

UNIT DODAAC:  WXULLS

SELECT THE AREA FOR WHICH MODIFICATION IS REQUIRED:     1


     1 - OSC SECURITY DATA               6 - UNIT PARAMETERS

     2 - SUPPLY SUPPORT DATA             7 - SUPPLY PARAMETERS

     3 - UNIT DATA                       8 - DEMAND/INTERFACE PARAMETERS

     4 - MAINTENANCE SUPPORT SITE DATA   9 - HARDWARE PARAMETERS

     5 - AOAP DATA                       E - EXIT MENU


<F1> FOR HELP:   <TAB> FOR NEXT FIELD   <ENTER> TO PROCESS
```

Figure 4.1-5. Parameter Maintenance Menu (Modification)

f. On this screen, select option 1, OSC Security Data, and press <Enter>. The OSC security portion of the Parameter Maintenance Menu (figure 4.1-6) appears.

```
DATE: yyymmdd                    UNIT LEVEL LOGISTICS SYSTEM                AWCUF102
                                   PARAMETER MAINTENANCE

UNIT DODAAC:          W68SH9

OSC SECURITY DATA:
------------------------------------------------------------
OSC INDICATOR:        Y

PHONE NUMBER:         9,1,8006320196

IP ADDRESS:           144.251.20.22

COMM SERVER LOGIN:    leej0815

GATEWAY LOGIN:        owau0008

NUMBER OF DAYS OSC RECORDS HELD BEFORE BEING RETURNED TO TRANS FILE:  1

<E> TO EXIT:   <F1> FOR HELP  <TAB> FOR NEXT FIELD  <ENTER> TO PROCESS
```

Figure 4.1-6. Parameter Maintenance Menu (OSC Security)

g. You must update each entry on the OSC security portion of the Parameter Maintenance Menu as shown in figure 4.1-6. Replace the sample data with your own data.

(1) *OSC INDICATOR*. To interface with SARSS-GW, enter **Y**. Entering **N** turns off the SARSS-GW interface. Press <Tab>.

(2) *PHONE NUMBER*. Normally, you obtain access to the defense information system network (DISN) through a local terminal server. Your Information Systems Security Office (ISSO) provides the phone number. Enter a phone number for a TAC or terminal server. You may enter one or more phone numbers, separated by a semicolon. Press <Tab>.

(3) *IP ADDRESS*. Enter the DISN net address. The DISN net address for OSCSC is 144.251.20.22. Press <Tab>. Verify these numbers with your system manager before you enter them.

(4) *COMM SERVER LOGIN*. If access is through a terminal server for which you need a log-in ID, enter your terminal server log-in ID, provided by the ISSO. If access is through a terminal server for which you do not need a log-in ID, enter the word blank in lowercase. Press <Tab>.

(5) *GATEWAY LOGIN*. Enter your SARSS-GW log-in ID, provided by the ISSO. Enter it lowercase, as in figure 4.1-6. Press <Tab>.

(6) *NUMBER OF DAYS OSC RECORDS HELD BEFORE BEING RETURNED TO TRANS FILE*. This is the number of days SARSS-GW records are held pending status before being rewritten to the Transaction File (AWCST100) for forwarding to the direct support unit (DSU). Valid entries are 01 through 99. To speed processing time, you should use 01. Enter the number of days.

h. After you have made all your entries, press <Enter> to update this parameter file and exit. The modification selection portion of the Parameter Maintenance Menu (figure 4.1-7) appears.

```
DATE: yyymmdd                    UNIT LEVEL LOGISTICS SYSTEM              AWCUF111
                                    PARAMETER MAINTENANCE

UNIT DODAAC:  WXULLS

SELECT THE AREA FOR WHICH MODIFICATION IS REQUIRED:     9

     1 - OSC SECURITY DATA               6 - UNIT PARAMETERS

     2 - SUPPLY SUPPORT DATA             7 - SUPPLY PARAMETERS

     3 - UNIT DATA                       8 - DEMAND/INTERFACE PARAMETERS

     4 - MAINTENANCE SUPPORT SITE DATA   9 - HARDWARE PARAMETERS

     5 - AOAP DATA                       E - EXIT MENU


<F1> FOR HELP:   <TAB> FOR NEXT FIELD   <ENTER> TO PROCESS
```

Figure 4.1-7. Parameter Maintenance Menu (Modification)

i. On this screen, select option 9, Hardware Parameters, and press <Enter>. The Workstation Parameters Menu (figure 4.1-8) appears.

```
DATE: yyymmdd                    WORKSTATION PARAMETERS                    AWCUF112

System/Hardware Parameters for this Computer:

PROGRAM FILES ON DRIVE:  C:
DATA FILES ON DRIVE   :  D:
DEFAULT FLOPPY DRIVE  :  A:
TAPE DRIVE/SOFTWARE   :  EZTAPE 40MB V2.22
COMMUNICATIONS PORT   :  2
BAUD RATE             :  9600
MODEM TYPE            :  AT
LOCAL CD ROM DRIVE?   :  Y
CD ROM DRIVE          :  D

<E> TO EXIT:   <F1> FOR HELP  <TAB> FOR NEXT FIELD  <ENTER> TO PROCESS
```

Figure 4.1-8. Workstation Parameters Menu

j. You must update each entry on the Workstation Parameters Menu as shown in figure 4.1-8. Replace the sample data with your own data.

(1) *PROGRAM FILES ON DRIVE*. Program files are normally on drive C. Enter the letter for the drive where the program files reside, if it does not already appear on the screen. Press <Tab>.

(2) *DATA FILES ON DRIVE*. Data files are normally on drive C. Enter the letter for the drive where the data files reside, if it does not already appear on the screen. Press <Tab>.

(3) *DEFAULT FLOPPY DRIVE*. The default floppy drive is normally drive A. Enter the letter for the default floppy drive, if it does not already appear on the screen. Press <Tab>.

(4) *TAPE DRIVE/SOFTWARE*. From the options listed, enter the tape drive software used. Press <Tab>.

(5) *COMMUNICATIONS PORT*. The communications port is normally COM port 1 (COM1). Enter the communications port number. Press <Tab>.

(6) *BAUD RATE*. The baud rate is normally 9600. Enter the baud rate of the modem you are using; for example, 1200, 2400, 4800, or 9600. If this field is left blank, OSCCOMM defaults to 1200. Press <Tab>.

(7) *MODEM TYPE*. Enter the type of modem you are using. Normally, modems are Hayes-compatible, so enter Hayes and press <Tab>, or press <Tab> to retain the default of AT.

(8) *LOCAL CD ROM DRIVE?*. Enter **Y** if your personal computer (PC) has a compact disk-read-only memory (CD-ROM) drive. Enter **N** if your PC has no CD-ROM drive. Press <Tab>.

(9) *CD ROM DRIVE*. Enter the letter for the drive where the CD-ROM is installed.

k. After you have made all your entries, press <Enter> to update this parameter file.

4.1.2 ULLS and SARSS-GW Interface Sessions. In your interface sessions with the SARSS-GW, you will send requests for issue to the SARSS-GW for processing and all other transactions to your supply support activity (SSA). The SARSS-GW, in turn, will send you a 27-position response message. You must follow a series of menu selections to establish ULLS and SARSS-GW interface sessions. All ULLS and SARSS-GW interface sessions start at the ULLS Main Menu (figure 4.1-9).

```
                    ULLS MAIN MENU              A

     REQUEST PROCESS ................................. A
     RECEIPT/STATUS/DCR MGT .......................... B
     PLL MANAGEMENT .................................. C
     CATALOG MANAGEMENT .............................. D

     SYSTEM UTILITIES ................................ F
     SYSTEM SECURITY ................................. G
     REBUILD DATABASE ................................ H

     OPERATIONAL PROCESSES ........................... I
     EQUIPMENT DATA UPDATE ........................... J
     EQUIPMENT DATA REPORTS .......................... K
     OPER RECS/EQUIP CLASS CODES...................... L
     MAINTENANCE SUPPORT.............................. M

     MATERIEL STATUS PROCESSES........................ N

     TUTORIAL ........................................ O

     LOGOFF/EXIT SYSTEM .............................. E
```

Figure 4.1-9. ULLS Main Menu

a. On the ULLS Main Menu, select option A, Request Process, and press <Enter>. The Request Process Menu (figure 4.1-10) appears.

```
                          REQUEST PROCESS            A

      REQUEST FOR ISSUE ............................... 1
      POST POST REQUEST FOR ISSUE ..................... 2
      QSS LISTING ..................................... 3
      CDR EXCEPTION REPORT ............................ 4
      REQUEST FOR CANCELLATION ........................ 5
      REQUEST FOR FOLLOW-UP ........................... 6
      MODIFICATION/DCR UPDATE ......................... 7
      REQUEST FOR TURN-IN ............................. 8
      SEND TRANS. TO SOS .............................. 9
      OSC ............................................. A


      EXIT REQUEST FOR PROCESSES ...................... E




          <F1> HELP   <F6> EUM        <ENTER> SELECT
```

Figure 4.1-10. Request Process Menu

b. On the Request Process Menu, select option A, OSC, and press <Enter>. The OSC Processes Menu (figure 4.1-11) appears.

```
                      OSC PROCESSES              2

      SEND TRANSACTIONS ............................... 1

      SEND TRANSACTIONS/RECEIVE TRANSACTIONS .......... 2

      RECEIVE TRANSACTIONS ONLY ....................... 3

      PRINT CURRENT OSC TRANSACTIONS .................. 4

      EXIT OSC PROCESSES .............................. E
```

Figure 4.1-11. OSC Processes Menu

c. The OSC Processes Menu provides options to send requests for issue to the SARSS-GW, receive response messages from the SARSS-GW, and print current OSC transactions.

(1) The Send Transactions option lets you send requests for issue to the SARSS-GW for processing, but does not let you wait for a response. This option is not recommended.

(2) The Send Transactions/Receive Transactions option lets you send requests for issue to the SARSS-GW for processing and wait for a response. Response messages contain status information which posts to the DCR, Deadline Data File, and Supply Transaction File. This is the recommended option.

(3) The Receive Transactions Only option lets you receive transactions only. Use this option when the communication link is interrupted before you receive the response message. Also, use this option to receive response messages when you use option 1 to send transactions to the SARSS-GW.

(4) The Print Current OSC Transactions option lets you print an image of each request for issue to be sent to the SARSS-GW for processing.

d. When you select option 1, 2, or 3, the system displays the message “Have your current transactions from option 4 been reviewed? (Y/N)”. Exit to the OSC Processes Menu and access option 4, Print Current OSC Transactions. Press “Y” to display Security Data screen (figure 4.1-12) appears.

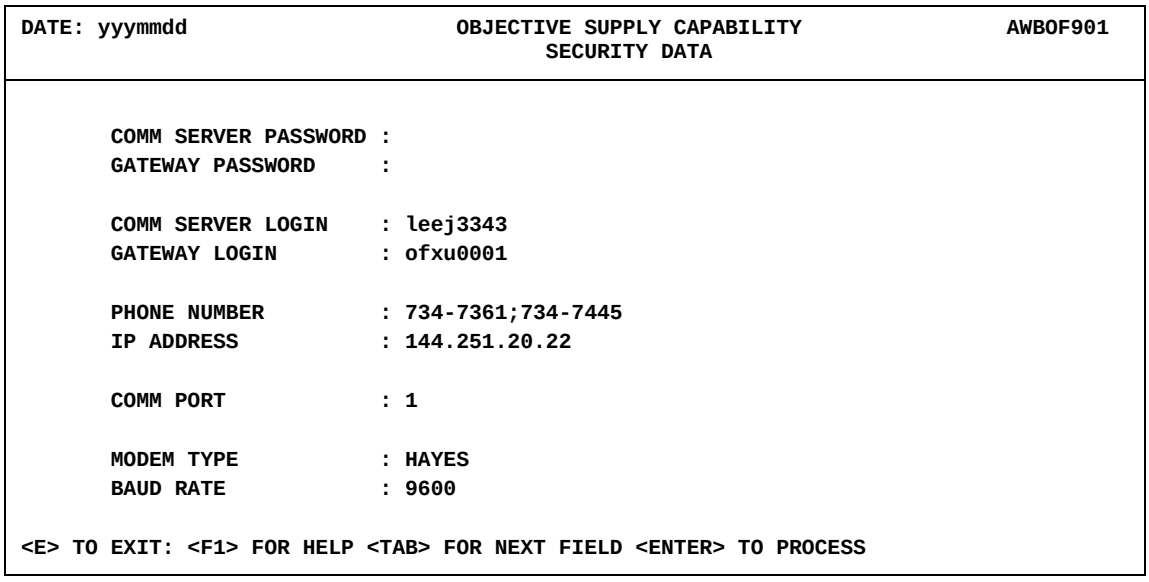

Figure 4.1-12. Security Data Screen

e. The Security Data screen displays data from current SARSS-GW parameters.

(1) *COMM SERVER PASSWORD*. Enter the terminal server password if the interface is through a password-protected terminal server. This entry must be lowercase. No entry is required in this field if the terminal server is not password-protected. Press <Tab>.

(2) *GATEWAY PASSWORD*. Enter your SARSS-GW password in lowercase. Make sure the remaining entries are correct. If you must change this, press <Tab> until the cursor reaches the first letter or number of the entry you want to change. If everything is correct, press <Enter> to start the communication session.

(3) *COMM SERVER LOGIN*. This is the entry from the security part of the Parameter Maintenance Menu. It is not necessary to change this unless it is incorrect. Use the Parameter Update Process to make permanent changes. This entry must be lowercase. Press <Tab> to move to the next entry.

(4) *GATEWAY LOGIN*. This is the entry from the security part of the Parameter Maintenance Menu. It is not necessary to change this unless your SARSS-GW log-in differs. Use the Parameter Update Process to make permanent changes. This entry must be lowercase. Press <Tab> to move to the next entry.

(5) *PHONE NUMBER*. This is the entry from the security part of the Parameter Maintenance Menu. It is not necessary to change this unless the SARSS-GW interface is through an alternate phone number for this transmission only. Use the Parameter Update Process to make permanent changes. Press the <Tab> key to move to the next entry.

(6) *IP ADDRESS*. This is the entry from the security part of the Parameter Maintenance Menu. It is not necessary to change this unless it is incorrect. Use the Parameter Update Process to make permanent changes. Press <Tab> to move to the next entry.

(7) *COMM PORT*. This is the entry from the hardware part of the Parameter Maintenance Menu. It is not necessary to change this unless it is incorrect. Use the Parameter Update Process to make permanent changes. Press <Tab> to move to the next entry.

(8) *MODEM TYPE*. This entry is from the Hardware Parameters section in the parameters update process and identifies the type of modem you are using. Normally, a Hayes-compatible modem is used. It is not necessary to change this entry unless it is incorrect. Use the Parameter Update Process to make permanent changes. Press <Tab> to move to the next entry.

(9) *BAUD RATE*. This is the entry from the hardware part of the Parameter Maintenance Menu. It is not necessary to change this unless it is incorrect. Use the Parameter Update Process to make permanent changes.

f. After you have made all your entries, press <Enter> to start the session. The system sends an image of each request for issue to the SARSS-GW for processing. No other operator intervention is required. A SARSS-GW communication control file, sometimes called a script file, initiates all local and remote commands.

g. When the session begins, the system prints an OSC Transactions Report listing all transactions sent to the SARSS-GW (figure 4.1-13). Make sure your printer is on-line.

```
 (OSC TRANSACTIONS REPORT)
A0A    611099000084 EA00003WXULLS50320001R         12   A   032

NUMBER OF TRANSACTIONS ON DISKETTE : 1

        INITIALS OF UNIT PLL CLERK :

             INITIALS OF DSU CLERK :

COMMANDER/DESIGNATED REPRESENTATIVE:
```

Figure 4.1-13. OSC Transactions Report

h. After the report prints, a series of blocked asynchronous transmission (BLAST) dialing screens appear. Figures 4.1-14 through 4.1-16 show examples of BLAST communication screen entries that appear on your monitor. Operator intervention is not necessary with these BLAST dialing screens.

```
BLAST     Online                  ULLS                    SCRIPT
...  Dialing the remote system

AT&F
OK
AT&D2&C1
OK
ATE1V1Q0X1S0=0
OK
ATDT7347361
CONNECT 9600
Checking DDN, Please wait ...
Checking DDN, Please wait ...
Checking DDN, Please wait ...

Local-ts1>144.251.20.22
Trying 144.251.20.22 ... Open
------------------------------------------------------
     THIS IS A DEPARTMENT OF DEFENSE COMPUTER SYSTEM.

 This system is ..............................
 at all times.

Logging onto Terminal Server, opening path
144.251.20.22

System V.3.1 / UTS 2.1 (UTS)

login:
Logging onto Host
ofxu0001
Password:

C-Kermit 5A(189), 30 June 93, AMDAHL UTS V
Type ? OR HELP FOR help

C-Kermit>!
$
```

Figure 4.1-14. Dialing Remote System

i. In figure 4.1-14, entries indicate BLAST is sending initialization strings to the modem, which dials the phone number and connects to the SARSS-GW.

j. In figure 4.1-15, entries indicate BLAST protocol is starting its session with the SARSS-GW.

```
BLAST     Filetransfer            ULLS                    SCRIPT
Send  Get  Message  Remote  Local  File
...  Send file(s) to remote system
```

```
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.req/T=TXT unit.req/OVW/T=TXT ... send completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING PROCREQC, PLEASE WAIT ...
$ PROCREQC ofxu0001
working
working
status: processed      1 records for WXULLS
done
PROCREQC COMPLETED
SENDING DODAAC HEADER FILE, PLEASE WAIT...
done
$
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.hdr/T=TXT unit.hdr/OVW/T=TXT ... send completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING QUERYRES, PLEASE WAIT...
$
$ QUERYRES ofxu0001
working
working
status: extracted      1 status records for WXULLS
done
QUERYRES COMPLETED
GETTING RESPONSE FILE, PLEASE WAIT...
```

Figure 4.1-15. Sending and Receiving Files

k. In figure 4.1-15, entries also indicate BLAST is sending files and remote commands to the SARSS-GW. The number of records for the DODAAC appear on the screen as "status: processed X records for WXULLS." Also, the number of response messages for the DODAAC appears on the screen as "status: extracted X status records for WXULLS."

l. In figure 4.1-16, entries indicate the session is completed and BLAST is logging off the SARSS-GW.

```
BLAST     Filetransfer            ULLS                    SCRIPT

...  Logging off the remote system
```

```
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.res/T=TXT unit.res/OVW/T=TXT ... receive completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING DELETE, PLEASE WAIT ...
DELETING RESPONSE FILE AT GATEWAY, PLEASE WAIT...
$ DELETE unit.res
working
working
done
DELETE COMPLETED
Logging off Host

done
$
C-Kermit>quit

[Connection to 144.251.20.22 closed
Logging off Terminal Server
 by foreign host]
Lee-ts1>dis
% No current connection

NO CARRIER
AT&D2&C1
OK
ATE1V1Q0X1S0=0
OK
ATH
OK
ATE
```

Figure 4.1-16. Logging Off

m. Once the session is completed and BLAST has automatically logged off, you may print the SARSS-GW Response Code messages. The system will display a screen (figure 4.1-17) allowing you to print each response message.

```
Would you like a printout of the

OSC Response Code Message?

YES          NO

Highlight and press <Enter>
```

Figure 4.1-17. Response Code Message Printout Screen

n. An explanation of each response message is at appendix D. You need not print the messages after each session; however, you should print the messages the first time you complete a session with the SARSS-GW and keep them handy for future reference.

o. You must highlight Yes and press <Enter> to print the message, or highlight No and press <Enter> to continue. If you highlight yes and press <Enter>, the system prints an OSC Status Update Report (figure 4.1-18).

```
DATE: yyyymmdd       OSC STATUS UPDATE REPORT         AWBOF903

    DOCUMENT     STOCK          STAT              MSG
     NUMBER      NUMBER          CD   UI   QTY    NUM COMMENTS
================================================================
WXULLS 5032 0001 6110990000084   BA   EA  00003   12
```

Figure 4.1-18. OSC Status Update Report

p. The message number (MSG NUM) corresponds to a two-position code in the SARSS-GW Response Code message printout and appendix D. It explains what action the SARSS-GW took on the request for issue. The Response Code message causes ULLS to update the DCR and equipment records.

4.2 SAMS-1 Overview. SAMS-1 automates day-to-day maintenance functions at the direct support (DS) and general support (GS) maintenance levels.

4.2.1 SAMS-1 and SARSS-GW Interface Parameters. You must follow a series of parameter settings to establish the SAMS-1 and SARSS-GW interface. An OSC indicator, controlled by menu selection, establishes the interface. To set the OSC interface switch, start at the SAMS-1 Main Menu (figure 4.2-1).

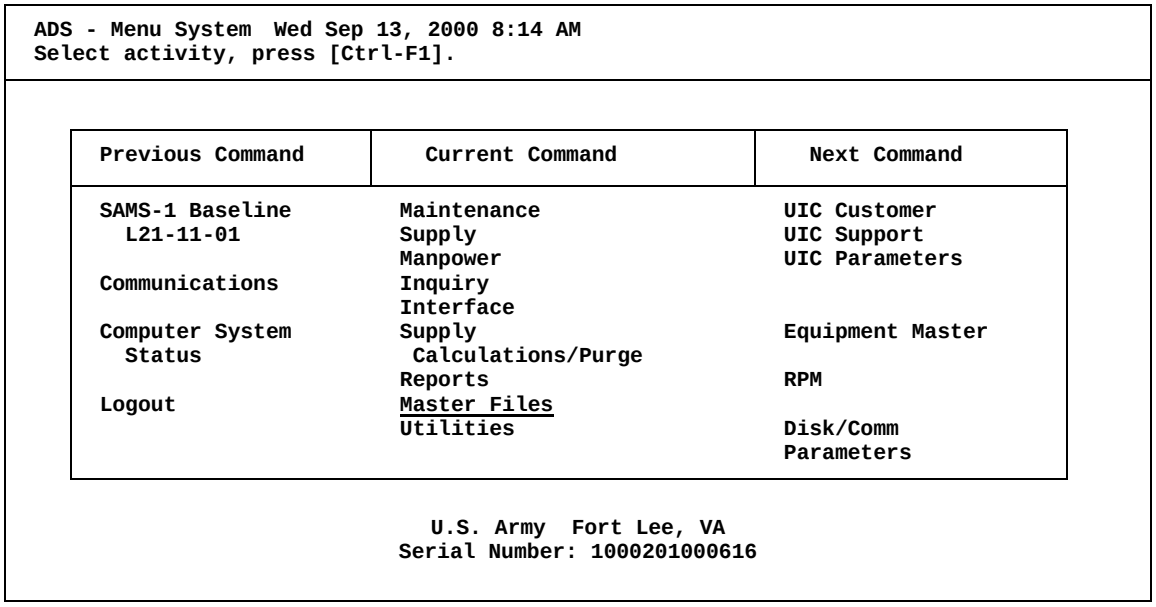

Figure 4.2-1. SAMS-1 Main Menu (Master Files)

a. On the SAMS-1 Main Menu in figure 4.2-1, use the right arrow key to select Master Files.

b. The screen in figure 4.2-2 appears.

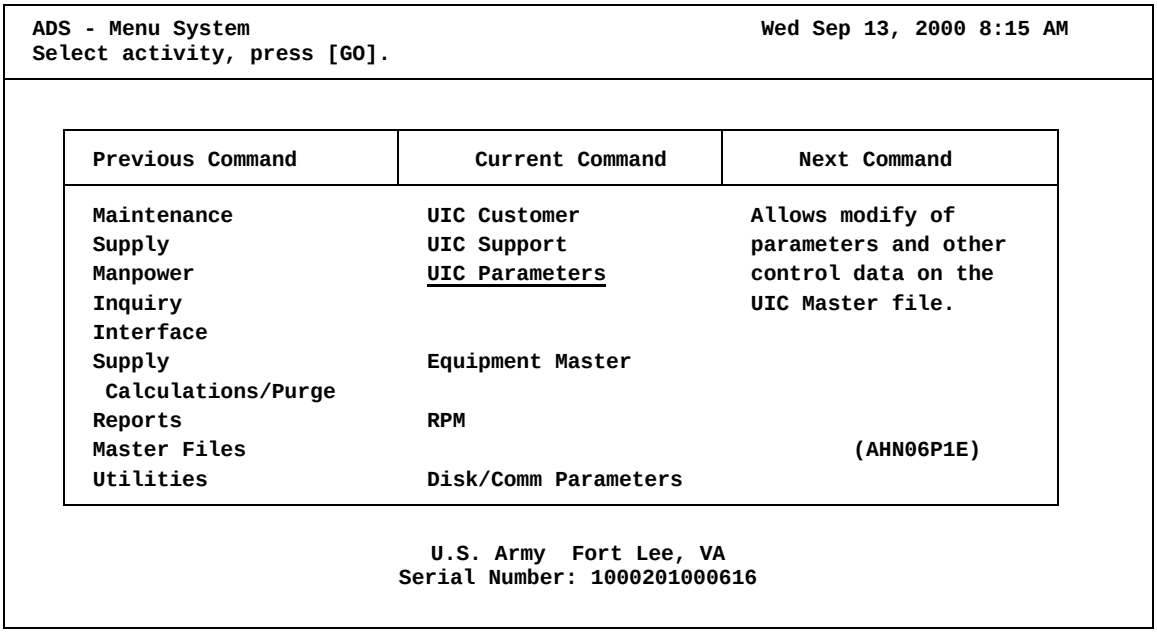

Figure 4.2-2. SAMS-1 Main Menu (UIC Parameters)

c. On the screen in figure 4.2-2, use the right arrow key to select UIC Parameters and press [Ctrl-F1]

d. The UIC Parameter Maintenance screen (figure 4.2-3) appears.

```
L211101            UIC PARAMETER MAINTENANCE            AN06F1E

         KEY:
          UIC SUPPORT        WXSAMS

          MASTER RECORD      Y

   BEGINNING DOCU SN         0001   COMMUNICATIONS          Y
   ENDING DOCU SN            9999
                                    MANHOUR ACCOUNTING      Y
   DOCUMENT SERIAL NUMBER    0004   MANHOUR HISTORY MONTHS  02
   LAST REQUISITION DATE     95031
                                    SINGLE SSA

   NEXT WORK ORDER SEQUENCE 00147
                                    OSC                     Y
```

Figure 4.2-3. UIC Parameter Maintenance Screen

e. On the UIC Parameter Maintenance screen, enter Y in the OSC field and press [Ctrl-F1] to establish the SARSS-GW interface. Change this setting to blank if you do not want to interface with SARSS-GW for any reason.

4.2.2 SAMS-1 and SARSS-GW Interface Sessions. In your interface sessions with the SARSS-GW you will send requests for issue to the SARSS-GW for processing and all other transactions to your SSA. The SARSS-GW, in turn, will send you a 27-position response message. You must follow a series of menu selections to establish SAMS-1 and SARSS-GW interface sessions. All SAMS-1 and SARSS-GW interface sessions start at the SAMS-1 Main Menu (figure 4.2-4).

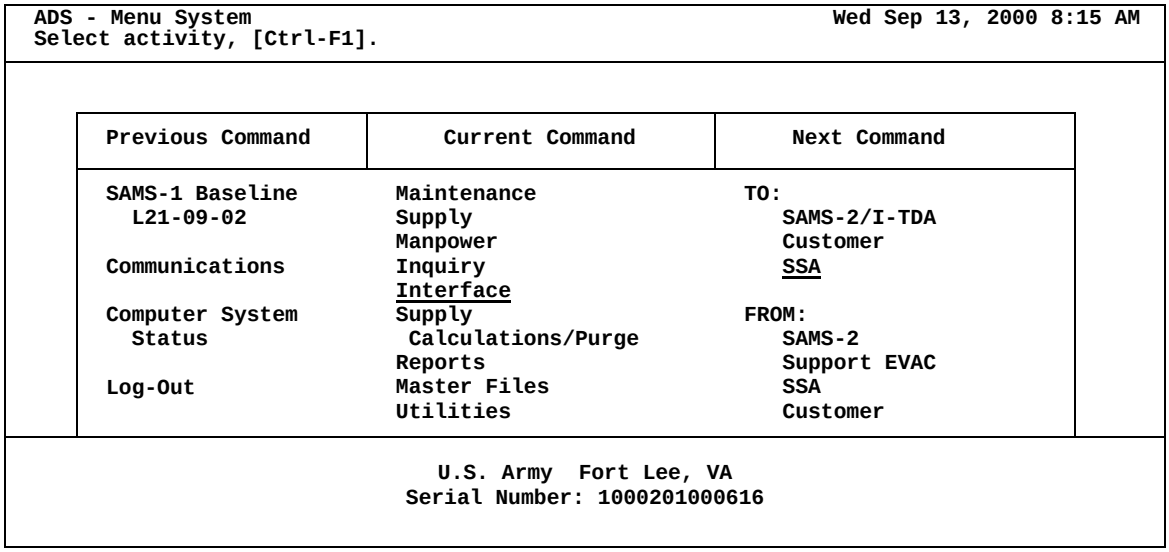

Figure 4.2-4. SAMS-1 Main Menu (Interface)

a. Before you start a SAMS-1 and SARSS-GW interface session, make sure all users at remote terminals have logged off.

b. On the SAMS-1 Main Menu in figure 4.2-4, use the right arrow key to select Interface.

c. The screen in figure 4.2-5 appears.

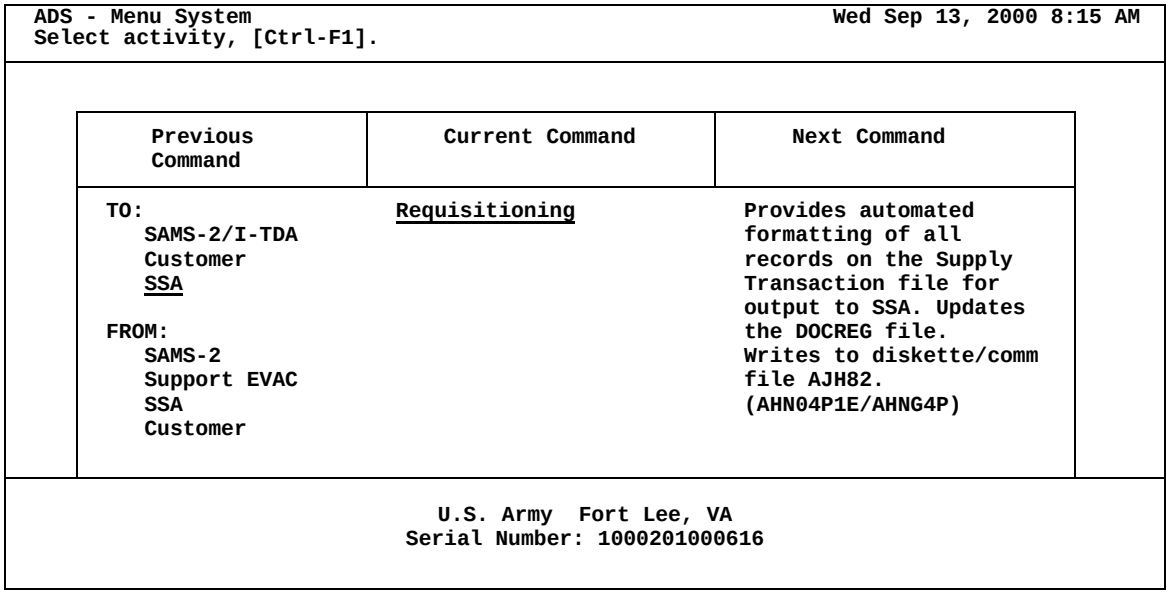

Figure 4.2-5. SAMS-1 Main Menu (to SSA)

d. On the screen in figure 4.2-5, use the right arrow key to select To SSA, then use the right arrow key to select Requisitioning and press [Ctrl-F1].

e. The Requisitioning screen (figure 4.2-6) appears.

```
L21080002                REQUISITIONING                AN04F1E

  BACKUP FILES BEFORE RUNNING THIS PROCESS.

  IF YOU WANT REPLENISHMENTS OR FOLLOW-UPS AS PART OF THIS PROCESS, RUN
APPROPRIATE PROCESSES FIRST.

 THIS PROCESS WILL:
     * CREATE THE SAMS-1 REQUISITIONS FILE. IT MAY CONTAIN:
         1. WORK ORDER PART REQUIREMENTS.
         2. SSL AND BSL REPLENISHMENTS.
         3. MODIFIERS TO REQUISITIONS.
         4. FOLLOW-UPS AND CANCELLATIONS.
         5. MATERIAL RECEIPT ACKNOWLEDGMENTS.
         6. DEMAND HISTORY ACTIONS.

     * PRINT "SAMS-1 SUPPLY ACTIVITIES REQUIREMENTS" (PCN AHN-
       013) WHICH LISTS ALL SUPPLY TRANSACTIONS BEING SENT TO
       THE SSA.

     * PRINT "SAMS-1 ERROR EXCEPTION LISTING" (PCN AHN-016),
       WHICH LISTS ALL SUPPLY TRANSACTIONS NOT PROCESSED.
```

Figure 4.2-6. Requisitioning Screen

f. On the Requisitioning screen, press [Ctrl-F1] to process the requests for issue. The system prints the SAMS-1 Supply Activities Requirements Report (PCN AHN-013) and the SAMS-1 Error Exception Listing (PCN AHN-016). See your SAMS-1 End User Manual for an explanation of these reports.

g. The system searches the Requisition Hold File for requests for issue that have not been sent to the SARSS-GW for processing. It screens all transactions in the Transaction File (AHN09I) and displays the OSC Communications screen (figure 4.2-7).

```
L210902              OSC COMMUNICATIONS                        AN04F4E


  TAC ACCESS CODE    ###
  GATEWAY PASSWORD   ########
  WAIT FOR RESPONSE  y
  TAC USER ID        blank
  GATEWAY USER ID    ofxs0022
  NET ADDRESS        144.251.20.22
  PHONE NUMBER       7347361
```

Figure 4.2-7. OSC Communications Screen

h. The OSC Communications screen displays user, dial, data communication, and default SARSS-GW parameter settings. User parameter settings include the following:

(1) *TAC ACCESS CODE*. Enter the terminal server password if the interface is through a password-protected terminal server. The Access Code or password does not echo on the screen. A pound symbol appears in place of each character. Press <Return>.

(2) *GATEWAY PASSWORD*. Enter your SARSS-GW password in lowercase. The password does not echo on the screen. A pound symbol appears in place of each character. Make sure the remaining entries are right. If changes to another entry are required, press <Return> until the cursor is at the first character of the entry you want to change. If changes to the remaining parameters are not required, press [Ctrl-F1] to initiate the communication session.

(3) *WAIT FOR RESPONSE*. This identifies whether the session sends response messages (status) while you are on-line. This entry is recommended. It is not necessary to change this entry unless it is incorrect. Press <Enter> to move to the next entry.

(4) *TAC USER ID*. It is not necessary to change this entry unless it is incorrect. This entry must be lowercase. Press <Return> to move to the next entry.

(5) *GATEWAY USER ID*. It is not necessary to change this entry unless it is incorrect. The ISSO assigns this entry. Enter your SARSS-GW log-in ID in lowercase. Press <Return> to move to the next entry.

(6) *NET ADDRESS*. It is not necessary to change this entry unless it is incorrect. Press <Enter> to move to the next entry.

(7) *PHONE NUMBER*. It is not necessary to change this entry unless the OSC interface is through an alternate phone number for this transmission only. Press <Enter> to move to the next entry.

i. Press [Ctrl-F1] to continue the session. A Communications Research Group screen (figure 4.2-8) appears.

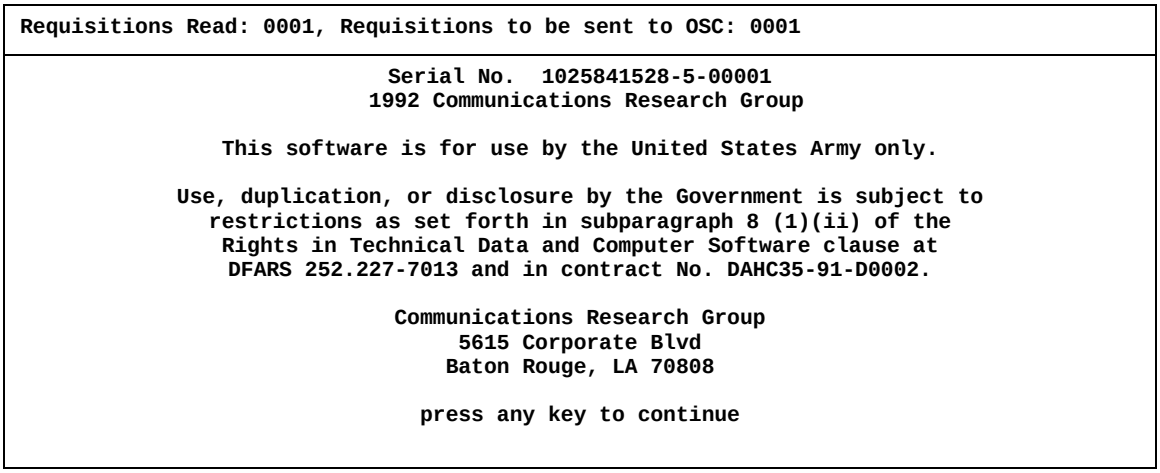

Figure 4.2-8. Communications Research Group Screen

j. The number of requisitions read and sent to the SARSS-GW appear at the top of the screen. Even though you are prompted to press any key, it is not necessary; the system will continue. If for some reason it does not, press <Enter>.

k. The system sends an image of each request for issue to the SARSS-GW for processing. No further operator intervention is required. A SARSS-GW

communication control file, sometimes called a script file, initiates all local and remote commands.

l. A series of BLAST dialing screens appear. Figures 4.2-9 through 4.2-11 show examples of BLAST communication screen entries that appear on your monitor. Operator intervention is not necessary with these BLAST dialing screens.

```
BLAST     osc                  [!Sys]<Blast>             SCRIPT
...  Executing script file: osc1                <HELP> <CANCEL>
```

```
AT&D2&C1
OK
ATE1V1Q0X1S0=0
OK
ATDT7347361
CONNECT 2400
Checking DDN, Please wait ...
Checking DDN, Please wait ...
Checking DDN, Please wait ...

Local-ts1>144.251.20.22
Trying 144.251.20.22 ... Open
------------------------------------------------------
     THIS IS A DEPARTMENT OF DEFENSE COMPUTER SYSTEM.

 This system is ..............................
 at all times.

Logging onto Terminal Server, opening path
144.251.20.22

System V.3.1 / UTS 2.1 (UTS)

login:
Logging onto Host
ofxs0022
Password:

C-Kermit 5A(189), 30 June 93, AMDAHL UTS V
Type ? OR HELP FOR help

C-Kermit>!
$
```

Figure 4.2-9. Dialing Remote System

m. In figure 4.2-9, entries indicate BLAST is sending initialization strings to the modem, which dials the phone number and connects to the SARSS-GW.

n. In figure 4.2-10, entries indicate BLAST protocol is starting the session with the SARSS-GW.

```
BLAST     osc                  [!Sys]<Blast>             SCRIPT
...  Executing script file: osc1                <HELP> <CANCEL>
```

```
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.req/T=TXT unit.req/OVW/T=TXT ... send completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING PROCREQC, PLEASE WAIT ...
$ PROCREQC ofxu0001
working
working
working
status: processed      1 records for WXSAMS
done
PROCREQC COMPLETED
SENDING DODAAC HEADER FILE, PLEASE WAIT...
done
$
$
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.hdr/T=TXT unit.hdr/OVW/T=TXT ... send completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING QUERYRES, PLEASE WAIT...
$
$ QUERYRES ofxu0001
working
working
working
status: extracted      1 status records for WXSAMS
done
QUERYRES COMPLETED
GETTING RESPONSE FILE, PLEASE WAIT...
```

Figure 4.2-10. Sending and Receiving Files

o. In figure 4.2-10, entries also indicate BLAST is sending files and remote commands to the SARSS-GW. The number of records for the DODAAC appear on the screen as "status: processed X records for WXSAMS." Also, the number of response messages for the DODAAC appear on the screen as "status: extracted X status records for WXSAMS."

p. In figure 4.2-11, entries indicate the session is completed and BLAST is logging off the SARSS-GW.

```
BLAST     osc                  [!Sys]<Blast>             SCRIPT
 ...  Logging off the remote system            <HELP> <CANCEL>
```

```
$ blast -h
;starting BLAST protocol
--------------<< Entering BLAST Transfer Mode >> --------------
**** UNIX BLAST II 8.4.0 on remote system [uov]
unit.res/T=TXT unit.res/OVW/T=TXT ... receive completed
--------------<< Exiting Transfer Mode >>----------------------
EXECUTING DELETE, PLEASE WAIT ...
DELETING RESPONSE FILE AT GATEWAY, PLEASE WAIT...
$ DELETE unit.res
working
working
done
DELETE COMPLETED
Logging off Host

done
$
C-Kermit>quit

[Connection to 144.251.20.2 closed
Logging off Terminal Server
 by foreign host]
Lee-ts1>dis
% No current connection

NO CARRIER
AT&D2&C1
OK
ATE1V1Q0X1S0=0
OK
ATH
OK
ATE
```

Figure 4.2-11. BLAST Logging Off

q. Once the session has completed and BLAST has automatically logged off, the system will display a Write Diskette/Comm Requisitions screen (figure 4.2-12).

```
L21080002                          WRITE DISKETTE/COMM                          AHN04F3E
                              REQUISITIONS PLEASE USE MSDOS DISKETTE

     SSA DSG'S FOUND: A B C D E F G H J K

  CURRENTLY PRODUCING DISKETTE: 01 OF SET: 01 FOR SSA DSG: A

         NUMBER OF DISKETTE SETS TO PRODUCE: 01

       NUMBER OF FILES TO TRANSMIT VIA COMM: 00

         THIS SET GOES TO: BACKUP DISKETTE

         DISKETTE LABEL SHOULD REFLECT THE FOLLOWING:

                   SysId:L210902 09/01/00 08:30:15 # 01

                   AJH82 REQUISITIONS SSA A # 91

                   From: WXSAMS 555th MRC Shop Office

                   To:   WXXSSA 555th MRC SSA
```

Figure 4.2-12. Write Diskette/Comm Requisitions Screen

r. At this point, the system is ready to write requests for issue that SARSS-GW did not process to two initialized MSDOS diskettes.

(1) One diskette must be properly labeled and sent to your supporting SSA immediately.

(2) The other diskette must also be properly labeled and used as a backup. You should retain this backup in accordance with your local standing operating procedures (SOP).

s. Once you have properly labeled your SSA and backup DOS-formatted diskettes, insert them when prompted.

t. When this process is complete, return to the SAMS-1 Main Menu.

4.2.3 Print Supply Status Listing. At this time, you should print the SAMS-1 Supply Status Listing (PCN AHN-019) in its various parts.

a. You should be at the SAMS-1 Main Menu (figure 4-2-13).

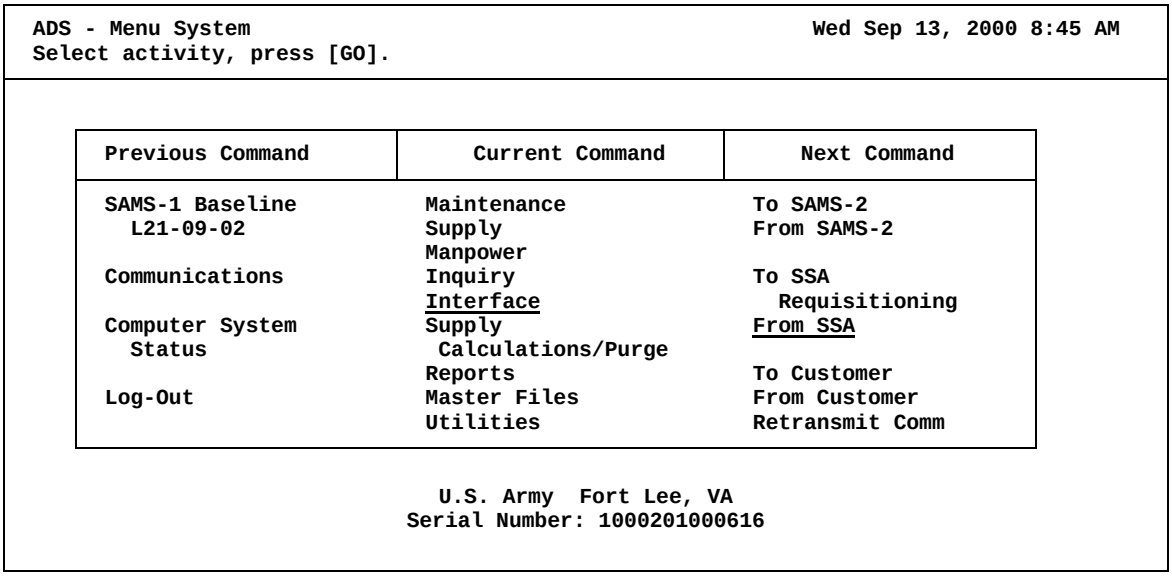

Figure 4.2-13. SAMS-1 Main Menu (from SSA)

b. On the SAMS-1 Main Menu in figure 4.2-13, use the right arrow key to select Interface, then use the right arrow key to select From SSA.

c. The screen in figure 4.2-14 appears.

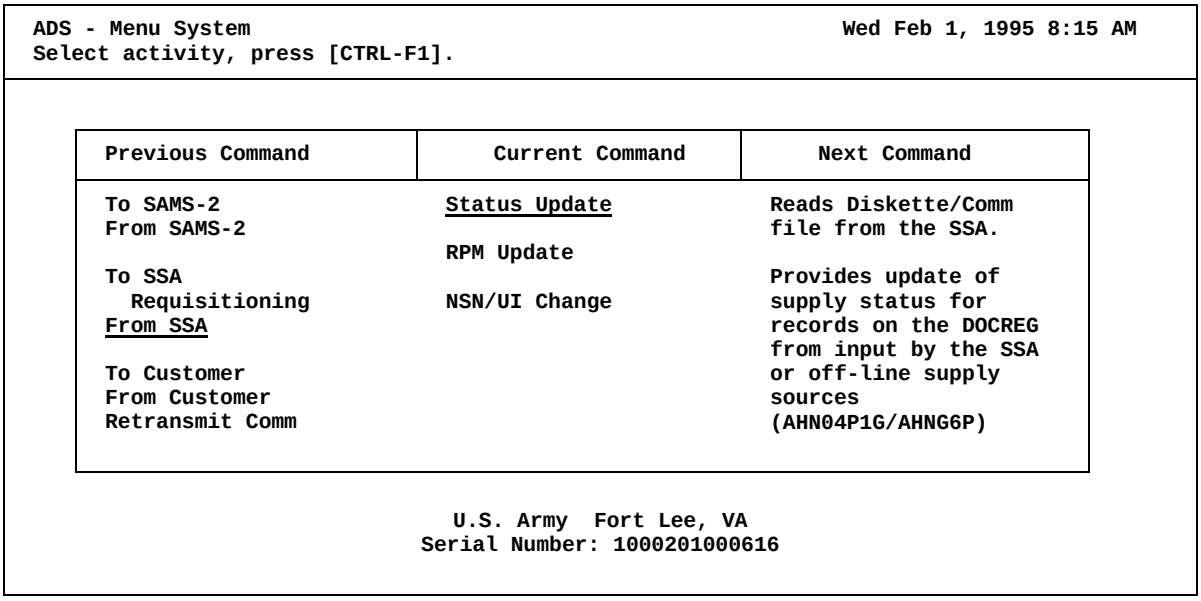

Figure 4.2-14. SAMS-1 Main Menu (Status Update)

d. On the screen in figure 4.2-14, use the right arrow key to select Status Update.

e. The Read/Diskette Comm screen (figure 4.2-15) appears.

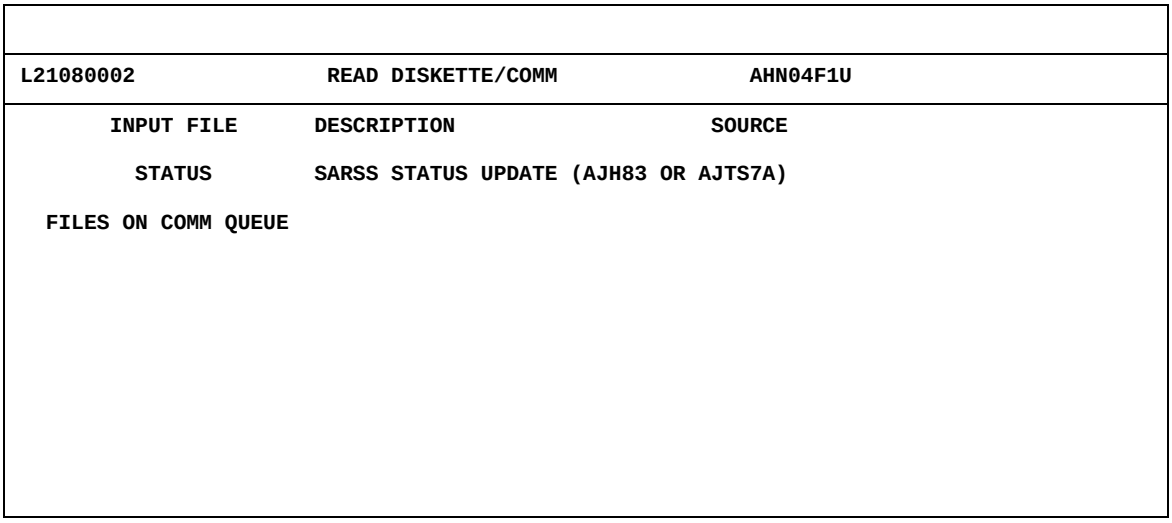

Figure 4.2-15. Read Diskette/Comm Screen

f. On the Read Diskette/Comm screen, press [ESC] and then press [Ctrl-F1].

g. The Status Update screen (figure 4.2-16) appears.

```
L21080001                  STATUS UPDATE                  AHN04F1G

THIS PROCESS WILL:

 * UPDATE THE DOCREG FILE WITH SUPPLY STATUS TRANSACTIONS
   ENTERED IN THE OFF-LINE STATUS PROCESS, WRITTEN TO THE
   SUPPLY STATUS FILE DURING THE READ DISKETTE/COMM PROCESS,
   OR DOWNLOADED FROM THE OSC GATEWAY.

 * REDUCE SSL DUE-IN QUANTITIES FOR CANCEL/REJECT STATUS
   TRANSACTIONS.

 * PRINT SAMS-1 SUPPLY STATUS LISTING (PCN AHN-019):

      PART I   CANCELLATION/REJECT LISTING: LISTS CANCEL/REJECT
      STATUS TRANSACTIONS WITH RELATED DATA THAT REQUIRE USER
      ACTION.

      PART II  SUPPLY STATUS ERRORS/EXCEPTIONS: LISTS ALL OTHER
      STATUS ENTRIES THAT WERE IN ERROR OR REQUIRE USER ACTION.

      PART III OSC GATEWAY RESPONSE MESSAGES: LISTS OSC
      MESSAGES.

 UPON COMPLETION OF THE PROCESS, TAKE CORRECTIVE ACTION ON THE
 RECORDS LISTED IN THE ABOVE REPORT.
```

Figure 4.2-16. Status Update Screen

h. Make sure the printer is on-line and the paper is properly installed. On the Status Update screen, press <Go> to print the report in its various parts.

i. The system prints Part I - Cancellation/Reject Listing (figure 4.2-17).

```
PREPARED 13 SEP 00  SAMS-1 SUPPLY STATUS LISTING    PCN AHN-019
                  PART-I CANCELLATION/REJECT LISTING

UIC SUPPORT    UNIT NAME SUPPORT       DODAAC
  WXXXXX       555TH MRC Shop Office   WXSAMS


                ****** NEGATIVE REPORT ******
```

Figure 4.2-17. Part I - Cancellation/Reject Listing

j. The system prints Part II - Supply Status Errors/Exceptions (figure 4.2-18).

```
PREPARED 13 SEP 00  SAMS-1 SUPPLY STATUS LISTING    PCN AHN-019
            PART-II SUPPLY STATUS ERRORS/EXCEPTIONS

       M                              S                              AE           AS
DIC RIC S NSN     UI QTY DOC NO SUPADR C FC DIS PRJ PD DTE ST MD RIC ESD EC PRICE ESD TCN EDDS

                ****** NEGATIVE REPORT ******
```

Figure 4.2-18. Part II - Supply Status Errors/Exceptions

k. The system prints Part III - Gateway Response Messages (figure 4.2-19).

```
PREPARED 13 SEP 00  SAMS-1 SUPPLY STATUS LISTING    PCN AHN-019
             PART-III OSC GATEWAY RESPONSE MESSAGES

                              QTY  RESP OSC    FSC  DUP
DOC NO         NSN            REQ  CODE DODAAC OSC  IND

WXSAMS50320001 2320012301440   1   11  XSSAFX
Item is available at another support activity.
```

Figure 4.2-19. Part III - OSC Gateway Response Messages

l. Part III - OSC Gateway Response Messages provides the document number, national stock number (NSN), quantity requested, SARSS-GW Response Code message, SARSS-GW DODAAC, changed federal supply classification (FSC), and duplicate indicator. Only those requests for issue that failed to process and those that resulted in a lateral distribution action appear on this report.

(1) *DOC NO*. This is the document number.

(2) *NSN*. This is the national stock number.

(3) *QTY REQ*. This is the quantity requested.

(4) *RESP CODE*. This is the Response Code that indicates what SARSS-GW did with each request for issue. It corresponds to a message number in appendix D. You should make a copy of appendix D and keep it handy for future reference.

(5) *OSC DODAAC*. This is the pseudo-DODAAC of the activity that issues the item as a result of lateral distribution action by SARSS-GW. Otherwise, it is blank.

(6) *FSC OSC*. This is the new FSC when the requested FSC differs from the FSC on the Army Master Data File (AMDF). SARSS-GW corrects the FSC. Otherwise, it is blank.

(7) *DUP IND*. This is a duplicate indicator. If the request is a duplicate, a 1 appears in this field. Otherwise, it is blank.

m. The system updates the Document Register File with supply status transactions that were entered in the off-line status process, written to the Supply Status File during the read diskette/comm process, or downloaded from the SARSS-GW. The SAMS-1 Document Register (figure 4.2-20) contains two new fields: OSC RESPONSE CD and OSC DODAAC.

```
L21070201              DOCUMENT REGISTER                AHN02F1H

KEY:DOCUMENT NO WXSAMS50320001 DIC     AOA   DMD CD     R
 WON KEY:WON    GKXBBB201592   PD      12    SUP ADRS   WXXSSA
         TASK   J12            DTE PRE 95032 SIG CD
         ID     A              QTY DI      1 EIC
         NSN    2320012301440  QTY CANC    0 PROJ CD
         SUFFIX A              QTY REC     0 RDD
                               DATE REC      TCN
 STIC           W              QTY EX      0 EDDS
 PRIME ID/NSN   A              RIC     A     COND CD
 BSL LOCATION                  MEDIA   _     DS4 CD     A
                               APC           FC
 TRANS DATE STATUS MODE ESD TRNS QTY EEC     ADV CD
#1 95032      BA     __ _____ 00001 ___     UI         EA
#2 _____      __     __ _____ _____ ___     SPT DSU
#3 _____      __     __ _____ _____ ___     SSA DSG    A
#4 _____      __     __ _____ _____ ___     OSC RESPONSE CD 11
#5 _____      __     __ _____ _____ ___     OSC DODAAC  XSSAFX
#6 _____      __     __ _____ _____ ___     CLOSED
```

Figure 4.2-20. Document Register

(1) *OSC RESPONSE CD*. The OSC Response Code corresponds to a message number in appendix D. This indicates what SARSS-GW did with the request for issue.

(2) *OSC DODAAC*. This is the pseudo-DODAAC of the issuing SSA, whenever SARSS-GW sends a referral order to issue the item to an activity other than your prime support SSA.

4.3 ULLS/SAMS-1 Error Messages. You may encounter errors in transmitting at any time during file transfer. Normally, BLAST attempts to correct the error and restart the session without operator intervention. Please be patient and allow BLAST to make the attempt. When BLAST cannot correct the problem, it writes an error message to the screen.

a. See Table 4.3-1, ULLS/SAMS-1 Error Codes and Messages and Corrective Actions.

Table 4.3-1
ULLS/SAMS-1 Error Codes and Messages and Corrective Actions

Error Codes and Messages	Corrective Actions
10 - Cannot get DISN.	Failed to connect to TAC. Error occurred while attempting to log in to local TAC. Check parameters for correct log-in ID, password, and net address. Local TAC may be down. Retry session.
20 - Cannot get TAC.	Failure occurred while attempting to reset local TAC. Local TAC may be down. Retry session.
30 - Cannot open path.	Failure occurred while attempting to log on to local TAC, opening path. Check parameters for correct net address. Retry session.
40 - Cannot set user ID.	Failure occurred while attempting to set user ID on local TAC. Check parameters for correct user ID. Retry session.
50 - Cannot set user ID or Access Code.	Failure occurred while attempting to set Access Code on local TAC. Check parameters for correct Access Code. Retry session.
55 - Bad log-in to TAC.	Failure occurred while retrying log-in to local TAC. Check parameters for correct user ID, Access Code, and net address. Retry session.
60 - Cannot get MTAC.	Failure occurred while attempting to reset local mini-TAC (MTAC). Local MTAC may be down. Retry session.
70 - Cannot set user ID.	Failure occurred while logging on to and attempting to set user ID on local MTAC. Check parameters for correct user ID. Retry session.
80 - Cannot set user ID or Access Code.	Failure occurred while attempting to set Access Code on local MTAC. Check parameters for correct Access Code. Retry session.

Table 4.3-1
ULLS/SAMS-1 Error Codes and Messages and Corrective Actions

Error Codes and Messages	Corrective Actions
90 - Cannot open path.	Failure occurred while attempting to log on to local MTAC, opening path. Check parameters for correct net address. Retry session.
100 - Bad log-in to MTAC.	Failure occurred while retrying log-in to local MTAC. Check parameters for correct user ID, Access Code, and net address. Retry session.
110 - Cannot open path.	Failure occurred while attempting to log on to local line password terminal server, opening path. Check parameters for correct net address. Retry session.
120 - Cannot get terminal server.	Failure occurred while attempting to reset local line password terminal server. Local terminal server may be down. Retry session.
130 - Cannot set password.	Failure occurred while logging on to line password terminal server, setting password. Check parameters for correct terminal server password. Retry session.
140 - Cannot open path.	Failure occurred while attempting to log on to local unsecured terminal server, opening path. Check parameters for correct net address. Retry session.
145 - Bad log-in to line password terminal server.	Failure occurred while retrying log-in to local line password terminal server. Check parameters for correct user ID, Access Code, and net address. Retry session.
150 - Cannot get terminal server.	Failure occurred while attempting to reset local terminal server, which requires user name. Check parameters for correct user ID. Local terminal server may be down. Retry session.
160 - Cannot set user name.	Failure occurred while logging on to TACACS terminal server, setting user name. Check parameters for correct user name. Retry session.

Table 4.3-1 ULLS/SAMS-1 Error Codes and Messages and Corrective Actions	
Error Codes and Messages	Corrective Actions
170 - Cannot set user name or password.	Failure occurred while setting password and user name on local terminal server. Check parameters for correct password and user name. Retry session.
185 – Bad log-in to TACACS terminal server.	Failure occurred while retrying log-in to a TACACS terminal server. Check parameters for correct user ID, Access Code, and net address. Retry session.
190 - Cannot get host.	Failed to get a response from the SARSS-GW. SARSS-GW may be down. Retry session.
200 - Cannot set host log-in ID.	Failure occurred while attempting to log in to the SARSS-GW. Check parameters for correct SARSS-GW log-in ID and password. Retry session.
220 - Cannot set host log-in ID or password.	Failure occurred while attempting to log in to the SARSS-GW. Check parameters for correct SARSS-GW password. Retry session.
225 - Cannot get UNIX prompt on host.	Could not start BLAST at SARSS-GW. SARSS-GW may be down. Retry session.
230 - Bad log-in to host.	Unknown failure while logging on to SARSS-GW. Retry session.

b. You may contact your Division Automation Support Office (DASO) or Systems Support Office (SSO) for further assistance.

4.4 ULLS/SAMS-1 Uploads. ULLS and SAMS-1 upload requests for issue to the SARSS-GW.

a. During the SARSS-GW interface session, two files are sent (uploaded) to the SARSS-GW: unit.hdr and unit.req.

(1) Unit.hdr is a 7-byte text file consisting of the sending activity's DODAAC.

(2) Unit.req is an 81-byte text file consisting of standard Military Standard Requisitioning and Issue Procedures (MILSTRIP) requests for issue (Document Identifier Code [DIC] A0_).

b. SARSS-GW processes every request for issue it receives.

c. SARSS-GW posts a record to the Transaction History Table (trans_hist_tab) and Document History Table (doc_hist_tab) for every request for issue processed, regardless of the action taken. SARSS-GW updates the record when transactions with the same document number process.

4.5 ULLS/SAMS-1 Downloads. ULLS and SAMS-1 download only one file, unit.res, from the SARSS-GW. Normally, you initiate downloads at the end of an upload session. You can, however, initiate a download anytime after an upload for which you did not get a response message.

a. As a result of SARSS-GW processing, a 27-byte response message is downloaded from the SARSS-GW. See appendix D for a definition of each field and an explanation of each Response Code message.

b. Information from the unit.res file updates ULLS and SAMS-1 supply and maintenance files.

4.6 SARSS-GW Preliminary Edits. SARSS-GW performs preliminary edits on requests for issue to validate the request data. It performs these edits on each request for issue to determine if the request qualifies for further processing. Preliminary edits include DODAAC, document number, national item identification number (NIIN), quantity, unit of issue, FSC, quick supply store (QSS), funds, Acquisition Advice Code (AAC), class of supply, Controlled Inventory Item Code (CIIC), Special Control Item (SCI) Code, priority, reparables, and aviation intensive management items (AIMI). SARSS-GW takes different actions depending on the support chain for each unit.

a. *DODAAC*. SARSS-GW verifies that the DODAAC on the request for issue is valid by looking for a match on the DODAAC Table (dodaac_tab).

(1) If there is no match, SARSS-GW ends processing and writes Response Code (RC) 18 to the Unit-Out Table (unit_out_tab) for download to the unit. RC 21 will be used for this as soon as the standard Army management

information system (STAMIS) can accept it. A message appears on the STAMIS user's screen, and control is returned to the STAMIS.

(2) If there is a match, SARSS-GW compares the DODAAC to the Type Code on the dodaac_tab. If the Type Code is other than unit level (UL or SM), SARSS-GW ends processing and writes RC 18 to the unit_out_tab for download to the unit. RC 22 will be used for this as soon as the STAMIS can accept it. A message appears on the STAMIS user's screen, and control is returned to the STAMIS. A message is also sent to the SARSS-GW help desk.

b. *Document Number*. When SARSS-GW encounters a duplicate document number on a request for issue, it updates the trans_hist_tab by posting 1 in the msg_data field and ends processing. SARSS-GW returns the originally supplied response message for the initial document.

c. *NIIN*. SARSS-GW verifies that the NIIN portion of the NSN of the input request is valid.

(1) For units supported by a SARSS1 activity:

(a) If the NIIN does not match an entry on the amdf_tab, SARSS-GW ends processing, writes RC 12 to the unit_out_tab, and posts the request for download to SARSS2AC/B. RC 46 will be used for this as soon as the STAMIS can accept it.

(b) If the NIIN does match, SARSS-GW compares the NSN of the request to the DIC of the input transaction.

1 If the DIC of the unit request is A0A or A01, the stock number must be a valid NSN. SARSS-GW only processes valid NSNs. If the NSN is not valid, SARSS-GW ends processing, writes RC 12 to the unit_out_tab for download to the unit, and posts the request for download to SARSS2AC/B. RC 64 will be used for this as soon as the STAMIS can accept it.

2 If the DIC of the unit request is A0D or A04, the stock number must match a valid MCN. If the stock number does not match a valid MCN, SARSS-GW ends processing, writes RC 12 to the unit_out_tab for download to the unit, and posts the request for download to SARSS2AC/B. RC 65 will be used for this as soon as the STAMIS can accept it.

3 If the DIC of the unit request is A0B or A02, the stock number must match a valid MPN. If the stock number does not match a valid MPN, SARSS-GW ends processing, writes RC 12 to the unit_out_tab for download to the unit, and posts the request for download to SARSS2AC/B. RC 66 will be used for this as soon as the STAMIS can accept it.

(2) Until a change can be initiated for ULLS, SARSS-GW writes RC 18 to the unit_out_tab when the request for issue has a stock number that does not match the DIC A0B/A02 for an MPN. When ULLS is changed, RC 26 will be written to the unit_out_tab.

(3) Until a change can be initiated for ULLS, SARSS-GW writes RC 18 to the unit_out_tab when the stock number is not on the Availability Balance File (ABF) Table (abf_tab) for the supporting SSA. When ULLS is changed, RC 27 will be written to the unit_out_tab.

d. *Quantity*. SARSS-GW verifies that all characters in the quantity field are numeric. If not, SARSS-GW ends processing and takes the following action. If the unit is supported by a SARSS activity, SARSS-GW writes RC 12 to the unit_out_tab for download to the unit and posts the request for download to the SARSS2AC/B. RC 75 will be used for this as soon as the STAMIS can accept it.

e. *Unit of Issue*. SARSS-GW compares the unit of issue on the unit request to the amdf_tab. If the unit of issue does not match the amdf_tab, SARSS-GW determines the quantity requested. If the quantity is 00001, SARSS-GW converts the unit of issue to the unit of issue recorded on the amdf_tab and continues processing. If the quantity is greater than 00001, SARSS-GW takes the following action. If the unit is supported by a SARSS activity, SARSS-GW ends processing, writes RC 12 to the unit_out_tab, and posts the request for download to the SARSS2AC/B. RC 47 will be used for this as soon as the STAMIS can accept it.

f. *FSC*. If the FSC of the requested stock number does not match the FSC on the amdf_tab, SARSS-GW overlays the old FSC with the correct FSC and continues processing.

g. *QSS*. There is no QSS in SARSS.

h. *Funds*. SARSS-GW edits each request for issue for a dollar threshold and available funds.

(1) SARSS-GW checks the Appropriation and Budget Activity Account (ABA) Code in the second position of the Materiel Category Structure Code (MATCAT) and the Source of Supply (SOS) Code on the amdf_tab.

(a) If the ABA Code is other than 2 (stock fund) and the first position of the SOS Code is A, B, or C, SARSS-GW considers the item not stock-funded and bypasses the funds edit.

(b) If the ABA Code is 2, or if it is other than 2, and the first position of the SOS Code is other than A, B, or C, SARSS-GW considers the item stock-funded and continues with the funds edit.

(2) SARSS-GW computes the extended price by multiplying the unit price on the amdf_tab by the quantity requested.

(3) SARSS-GW compares the extended price to the dollar threshold value established on the dodaac_tab. The resource or system manager for each SARSS-GW user establishes a dollar threshold by setting the maximum allowable dollar value for a single request for issue that SARSS-GW can process for that user.

(a) If the extended price is greater than the dollar threshold value, and the unit is supported by a SARSS1, SARSS-GW ends processing and writes RC 12 to the unit_out_tab and posts the request for download to the SARSS2AC/B. RC 49 will be used for this as soon as the STAMIS can accept it.

(b) If the extended price is not greater than the dollar threshold value, and the unit is supported by a SARSS, SARSS-GW compares the unit price to the ref_val on the Installation Table (instln_tab).

1 If the unit price is greater than the ref_val, SARSS-GW writes RC 12 to the unit_out_tab and posts the request for download by the SARSS (intermediate support activity).

2 If the unit price is not greater than the ref_val, or if the unit is not supported by a SARSS, SARSS-GW continues with the next funds edit.

(4) SARSS-GW compares the extended price to the balance available for the internal Fund Code (fc_inter_*) on the Fund Table (fund_tab). This is the amount of funds that an individual major subordinate command (MSC) can spend within the installation. Each SARSS-GW user has an fc_inter_* on the MSC

Table (msc_tab), and each Fund Code has dollars allocated for it on the fund_tab. The fund_tab is where the resource manager allocates spendable dollars. It contains up to 10 fc_inter_* per MSC.

(a) If a Fund Code is entered on the unit's request, SARSS-GW verifies that the Fund Code is valid by comparing it to the fc_inter_* on the msc_tab.

(b) If a Fund Code is not entered on the unit's request, SARSS-GW uses the first of the 10 fc_inter_* on the msc_tab as the default for each MSC.

(c) If the Fund Code on the unit's request is valid, SARSS-GW compares the available funds for that Fund Code on the fund_tab. The fund_tab contains the amount of internal fund dollars allocated, credited, and expended. SARSS-GW calculates the amount available by adding the amount of funds allocated and credited, then subtracting the amount expended.

(d) If the extended price is lower than the amount available for the Fund Code, SARSS-GW debits the appropriate Fund Code for internal funds in the fund_tab by adding the total price of the unit request to the expended field. It also performs the internal funds edit and debits funds on all unit requests that process through the SARSS-GW.

1 If the unit request fails the internal funds edit (because of insufficient internal funds), SARSS-GW writes RC 06 to the unit_out_tab.

2 If the unit request fails a special edit, and the unit is required to process the request through other supply channels, SARSS-GW credits fc_inter_* for the amount originally debited. It subtracts the total price of the unit request from the expended field on the fund_tab.

(e) If the extended price is greater than the amount available for the Fund Code, and the unit is supported by a SARSS1, SARSS-GW writes RC 12 to the unit_out_tab and posts the request for download to SARSS2AC/B. RC 60 will be used for this as soon as the STAMIS can accept it.

(5) SARSS-GW performs an external Fund Code (fc_ext_*) availability edit. It computes the extended price of each request by multiplying the unit price recorded on the amdf_tab by the quantity requested. SARSS-GW also determines which funds to use: internal or external. If the item requested is internally funded, SARSS-GW skips the fc_ext_* edit. If the item requested is

externally funded, SARSS-GW continues processing. Each SARSS-GW user has an fc_ext_* on the msc_tab, and each Fund Code has dollars allocated for it on the fund_tab. (They are often referred to as installation stock-fund dollars.) The fund_tab is where the resource manager allocates spendable dollars. It contains up to 10 fc_ext_* per MSC.

(a) If a Fund Code is entered on the unit's request, SARSS-GW verifies that the Fund Code is valid by comparing it to the fc_ext_* on the msc_tab.

(b) If a Fund Code is not entered on the unit's request, SARSS-GW uses the first of the 10 fc_ext_* on the msc_tab as the default for each MSC. The default (first Fund Code) must be valid to be used to go to the wholesale system.

(c) If the Fund Code on the unit's request is valid, SARSS-GW compares the available funds for that Fund Code on the fund_tab. The fund_tab contains the amount of external fund dollars allocated, credited, and expended. SARSS-GW calculates the amount available by adding the amount of funds allocated and credited, then subtracting the amount expended.

(d) If the extended price is lower than the amount available for the Fund Code, SARSS-GW debits the appropriate Fund Code for external funds on the fund_tab by adding the total price of the unit request to the expended field. It also performs the external funds edit and debits funds on all unit requests that process through the SARSS-GW. If the unit request fails the external funds edit (because of insufficient external funds), SARSS-GW writes RC 07 to the unit_out_tab.

(e) If the extended price is greater than the amount available for the Fund Code, and the unit is supported by a SARSS1, SARSS-GW creates and writes RC 12 to the unit_out_tab for download by the unit and posts the unit request for download to the SARSS2AC/B. RC 61 will be used for this as soon as the STAMIS can accept it.

i. *AAC*. If the AAC of the requested stock number is not A, B, F, J, L, N P, T, X, or Y, SARSS-GW continues processing. If the AAC is one of those listed above, SARSS-GW takes different actions depending on the support chain for each unit.

(1) If the unit is supported by a SARSS and the AAC is A, B, F, N, P, T, X, or Y, SARSS-GW writes RC 12 to the unit_out_tab, posts the DIC A0_ to the trans_hist_tab and doc_hist_tab with RC 48, and writes the DIC A0_ to the Transaction-Out Table (trans_out_tab) for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

(2) If the unit is supported by a SARSS and the AAC is J, SARSS-GW edits the FSC field of the amdf_tab for the NIIN in RP 12-22. If the FSC is 5510, 5520, or 5530 and the extended price exceeds $2,499.99, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 40 to the trans_hist_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

(3) If the unit is supported by a SARSS and the AAC is L, SARSS-GW edits the FSC field of the amdf_tab for the NIIN in RP 12-22. If the FSC is 5510, 5520, or 5530 and the extended price exceeds $9,999.99, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 41 to the trans_hist_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the external funds verification.

j. *Class of Supply*. SARSS-GW compares the NIIN from the unit request to the amdf_tab to determine the Supply Categories of Materiel Code (SCMC). If the first position of the SCMC is 1, 3, 5, 6, or blank, SARSS-GW takes different actions depending on the support chain for each unit. If the unit is supported by a SARSS, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 43 or 47 to the trans_hist_tab and doc_hist_tab if the first position of the SCMC is blank, and writes the DIC A0_ to the trans_out_tab for download to the intermediate support activity.

k. *CIIC*. If the CIIC field of the amdf_tab is other than I, J, M, U, V, W, X, Y, or Z, SARSS-GW takes different actions depending on the support chain for each unit. If the unit is supported by a SARSS, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 37 to the trans_out_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

l. *SCI Code*. If the SCI field of the amdf_tab is other than 0, SARSS-GW takes different actions depending on the support chain for each unit. If the unit is supported by a SARSS, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 38 to the trans_hist_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

m. *Priority*. SARSS-GW determines the priority of the request for issue. If the priority is not valid (other than 01-15), SARSS-GW compares the DODAAC of the request to the dodaac_tab to obtain the force/activity designator (FAD). SARSS-GW then converts the priority to the lowest priority for that FAD, as indicated:

FAD	Action
I	Convert to 11
II	Convert to 12
III	Convert to 13
IV	Convert to 14
V	Convert to 15

n. *Reparables*. SARSS-GW checks to see if the request is for a reparable item. If the unit is supported by a SARSS1, SARSS-GW compares the NIIN on the unit request to the amdf_tab and looks at the Maintenance Repair Code (MRC). If the MRC is D, F, H, or L, SARSS-GW considers the item to be reparable. SARSS- GW forwards all requests for issue of reparable items to the intermediate support SARSS. SARSS performs all reparable processing. SARSS-GW writes RC 12 to the unit_out_tab for download to the unit and posts the request for download to the SARSS2AC/B. RC 44 will be used for this as soon as the STAMIS can accept it.

o. *AIMI*. SARSS-GW checks to see if the request is for an AIMI. If the unit is supported by a SARSS1, SARSS-GW compares the NIIN on the unit request to the AIMI Table (aimi_tab). If the NIIN is on the aimi_tab, SARSS-GW considers the item to be AIMI. SARSS-GW sends all requests for issue for AIMI to the SARSS2AC/B for further processing. SARSS-GW writes RC 10 to the unit_out_tab and forwards the unit request to the SARSS2AC/B.

4.7 SARSS-GW Special Edits. SARSS-GW performs special edits on each request for issue to determine if the request qualifies for further processing. It

performs these edits after it has processed the request for issue and found no assets within the support structure or through lateral distribution (hierarchy 1). SARSS-GW performs these edits just prior to subjecting the request to integrated sustainment maintenance (ISM), corps-to-corps referral logic or passing it to the Defense Automatic Addressing System (DAAS). Special edits include AAC, Control Degree Code (CDC), key depot Routing Identifier Code (RIC), and Local Supply Source Code (LSSC). SARSS-GW takes different actions depending on the support chain for each unit.

a. *AAC*. If the AAC of the requested stock number is I, K, L, or Q, SARSS-GW determines if the indicator on the ABF Cross-Reference Table (abf_xref_tab) for the supporting SSA is continental United States (CONUS) or outside CONUS (OCONUS). If the indicator is CONUS, SARSS-GW takes different actions depending on the support chain for each unit. If the indicator is OCONUS, SARSS-GW continues processing. If the unit is supported by a SARSS, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 73 to the trans_hist_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

b. *CDC*. If the unit uploading the request for issue is supported by a SARSS2AC/B, SARSS-GW edits the CDC field of the abf_tab for the RIC that supports the NIIN for this class of supply. If the CDC field is C, F, I, M, P, S, T, or U, SARSS-GW takes the following actions depending on the support chain for each unit. If the unit is supported by a SARSS1, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 39 to the trans_hist_tab and doc_hist_tab, and writes the DIC A0_ to the trans_out_tab for download to the intermediate-level support activity. SARSS-GW credits the Fund Code for internal funds originally debited during the internal funds verification.

c. *LSSC*. SARSS-GW performs an LSSC edit if the indicator on the abf_xref_tab for the supporting SSA is OCONUS. SARSS-GW takes different actions depending on the support chain for the unit. If the unit is supported by a SARSS, SARSS-GW edits the CDC on the supporting abf_tab for the RIC that supports this class of supply. If the CDC is 5, 7, A, D, J, N, or R, SARSS-GW writes RC 12 to the unit_out_tab, posts RC 73 to the trans_hist_tab and doc_hist_tab, and creates a DIC A0_ for download to the supporting SARSS2AC/B.

4.8 Availability Search. SARSS-GW performs an availability search to determine if the requested quantity can be satisfied from serviceable assets at

the supporting DSU or through lateral distribution. If issuable assets are available through normal supply channels or can be partially filled by referral action, SARSS-GW takes the following action. If the unit is supported by a SARSS1, SARSS-GW writes RC 12 to the unit_out_tab and posts the request for download to the SARSS2AC/B. The request is processed through the SARSS activity and issued by the supporting SSA.

4.9 Lateral Distribution. SARSS performs lateral distribution for all SARSS1 activities subordinate to the SARSS2AC/B. SARSS-GW sends a unit request for issue to SARSS2AC/B if it finds assets at any of the SARSS1 activities in that corps. It does not consider this a referral, as the unit request for issue will process through SARSS.

a. If total assets are not available for issue from within the requesting unit's support structure, and the assets are not AIMI or reparable items, and the Special Processing Code on the unit's dodaac_tab is not N, O, or P, SARSS-GW attempts lateral distribution. The system performs lateral distribution to try to fill the request from supply activities indicated in the unit's lateral issue Hierarchy Table (hier_tab).

b. SARSS-GW considers any quantity above the requisitioning objective (RO) as excess. If excess assets are not available to fill the requirement, the system identifies the first activity within the hierarchy matrix that can satisfy the entire requirement.

c. The penetration level determines the quantity available for referral action. The system manager establishes the penetration level, based on input from each command. The penetration level is determined by the priority on the request and the issue level that was set (penetrate to RO, reorder point [ROP], safety level, or zero balance). This value is recorded on the abf_xref_tab.

d. Each unit's support structure determines the action SARSS-GW takes. SARSS-GW handles referrals for SARSS and non-SARSS activities differently. All requests for issue sent to the SARSS activity are for the entire quantity requested, regardless of the on-hand balance at SARSS1. This lets SARSS issue from multiple SARSS1 activities. If a unit is supported by a SARSS activity, SARSS-GW does not consider issues from any other SARSS activity in the same corps area as referrals.

e. If assets are not available for issue through lateral distribution, SARSS-GW continues processing.

4.10 DS Reparables. SARSS-GW performs different edits and uses separate logic to determine DS reparables for units supported by SARSS and DS4 activities. For a unit supported by a SARSS1, SARSS-GW compares the NIIN on the unit request to the amdf_tab and looks at the MRC. For a unit supported by a SARSS1, SARSS-GW forwards all requests for issue for reparable items to the SARSS2AC/B (SARSS performs all reparable processing) and writes RC 12 to the unit_out_tab for download by the unit. RC 44 will be used for this as soon as the STAMIS can accept it.

a. If serviceable assets are not available for issue and the Special Processing Code on the unit's dodaac_tab is not N, O, or P, SARSS-GW attempts to fill the request through lateral distribution.

b. If the assets are not available at the supporting DSU or through referral action and the item is not AIMI, SARSS-GW performs a net asset computation.

(1) If net assets are greater than or equal to the RO, SARSS-GW decreases the abf_tab quantity by the requested quantity and posts RC 09 to the unit_out_tab for download to the unit.

(2) If net assets are less than the RO, SARSS-GW takes these actions:

(a) Creates a DS replenishment requisition. The requisition processes through GS reparable logic, and processing continues.

(b) Writes RC 17 to the unit_out_tab for download by the unit.

c. For a unit supported by a DS4 under SARSS2AC/B, SARSS-GW writes RC 18 to the unit_out_tab for download to the unit and credits the Fund Code for internal funds that were originally debited during the internal funds verification.

4.11 GS Reparables. SARSS-GW does not distinguish between DS and GS processing of reparables for a SARSS2AC/B. Once it has determined that the unit request is for a reparable item, SARSS-GW ends processing and writes the unit request to the trans_out_tab for download by the SARSS2AC/B, as explained above.

4.12 AIMI. SARSS-GW performs different edits and uses separate logic to determine AIMI for units supported by SARSS. For SARSS1 activities, AIMI assets are identified on the SARSS-GW aimi_tab, which is updated by the latest

AIMI Listing from the U.S. Army Aviation Systems Command (AVSCOM). SARSS-GW compares the NIIN of the unit request to the aimi_tab to determine if the NIIN matches. For a unit supported by a SARSS2AC/B, SARSS-GW sends all AIMI requests for issue to SARSS2AC/B for further processing. SARSS-GW writes RC 10 to the unit_out_tab and forwards the unit request to SARSS2AC/B.

4.13 Search ABF at Intermediate Support Activity. SARSS-GW determines where the intermediate support activity is recorded on the hier_tab, then performs the intermediate support ABF search. SARSS-GW may perform this search before or after it performs the lateral issue, depending on how the hier_tab is loaded. For units supported by a SARSS1 activity, SARSS-GW checks the prime support abf_tab that is entered on the spt ric of the dodaac_tab. If assets are not available, SARSS-GW checks the intermediate support and other nonsupporting SSAs in that SARSS2AC/B in the order listed on the hier_tab.

a. If assets are available, SARSS-GW forwards the unit request to the supporting SARSS and posts RC 12 to the unit_out_tab.

b. If assets are not available, SARSS-GW continues processing.

c. If the Special Processing Code on the unit's dodaac_tab is not N, O, or P, SARSS-GW performs ISM logic.

d. If the Special Processing Code on the unit's dodaac_tab is not N, O, or P and the unit's intermediate support activity has a hierarchy indicator of 3, SARSS-GW performs corps-to-corps referral logic (see section 8).

e. If assets are not available, SARSS-GW continues processing.

4.14 Authorized Stockage List (ASL) Replenishment Requisition. When a request for issue cannot be satisfied at the supporting SSA, SARSS-GW determines if the requisition to be passed to DAAS should be dedicated or non-dedicated. SARSS-GW uses different logic to determine if a request is dedicated or non-dedicated, based on the unit's support. For units in a SARSS2AC/B, SARSS-GW uses the RON/DON concept. The determination of a dedicated or non-dedicated request for units supported by SARSS1 is made before lateral distribution, so that the proper request is processed for referral actions. If the request for issue comes from a unit supported by a SARSS1, cannot be filled by the supporting SARSS1, and passes all edits, SARSS-GW determines if the requisition is dedicated or non-dedicated by using the RON/DON concept used in

SARSS logic. This determination is made before sending a referral order (DIC A4A) for lateral issue and before passing the requisition to DAAS.

a. If the request cannot be filled by referral action, SARSS-GW performs a corps roll-up of assets for SARSS1 activities, as explained in paragraph a(2) above.

b. To process a requisition to DAAS, SARSS-GW takes the same actions as explained in paragraph a(2)(a) above.

c. To process a request to SARSS, SARSS-GW takes the same actions as explained in paragraph a(2)(b) above.